

0922453-031304

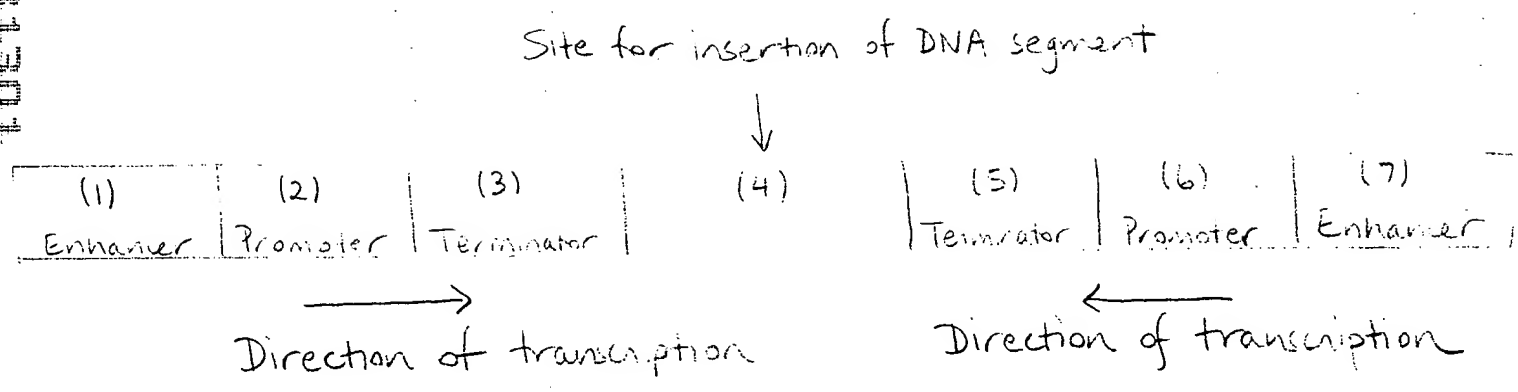


Figure 1

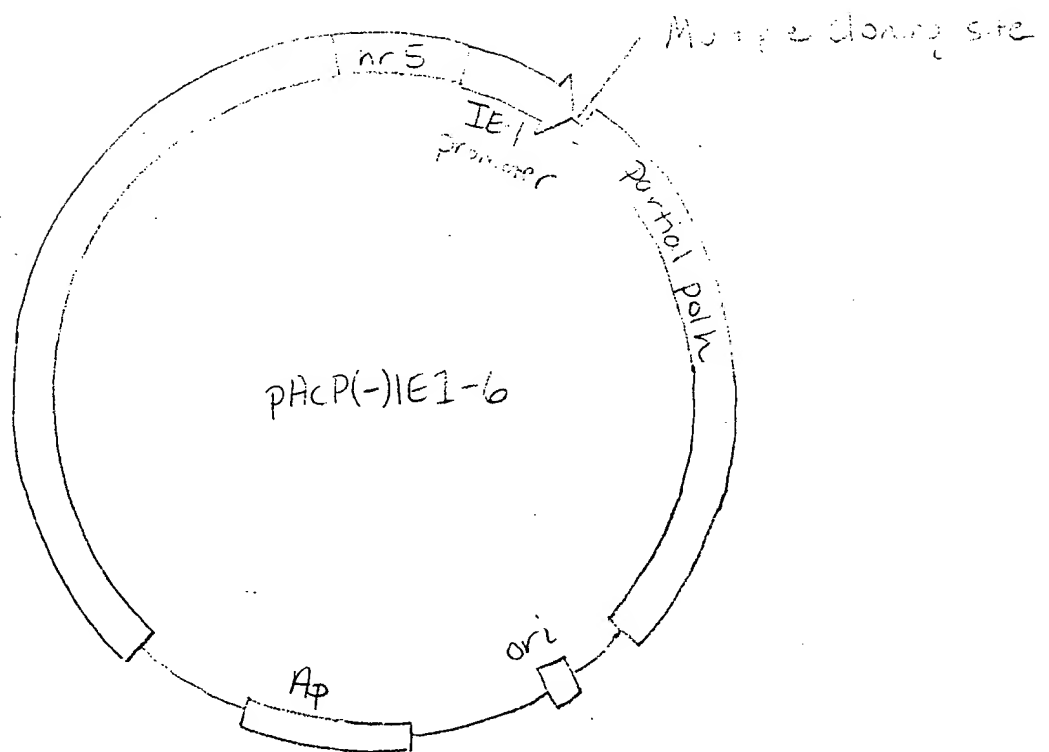
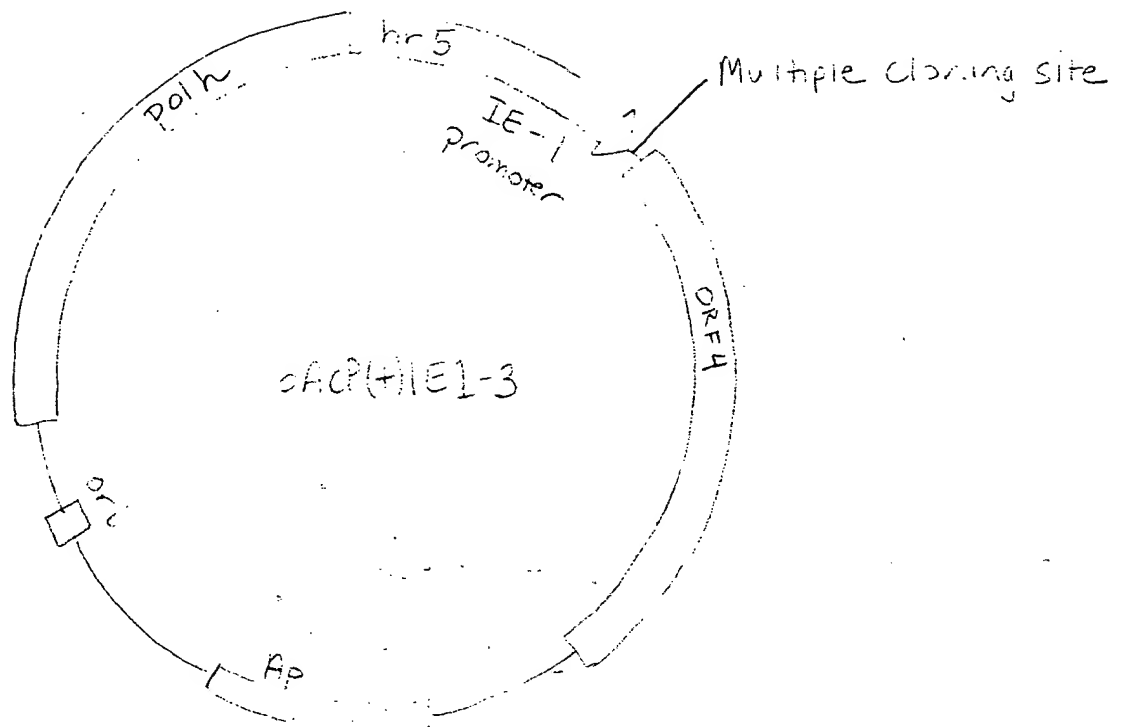
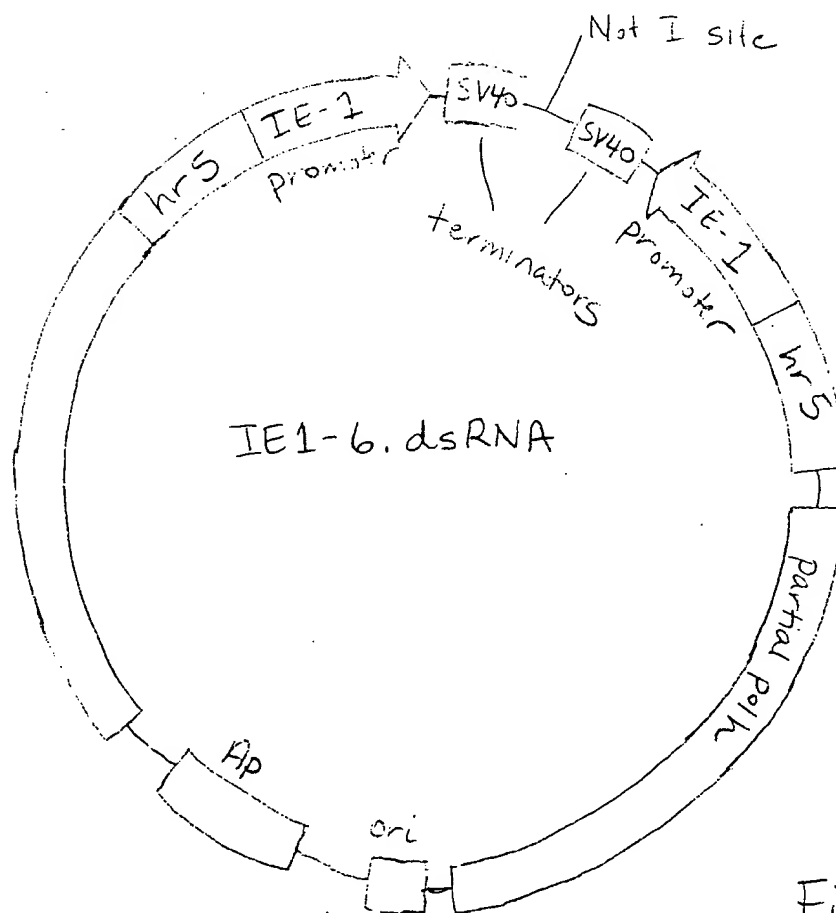
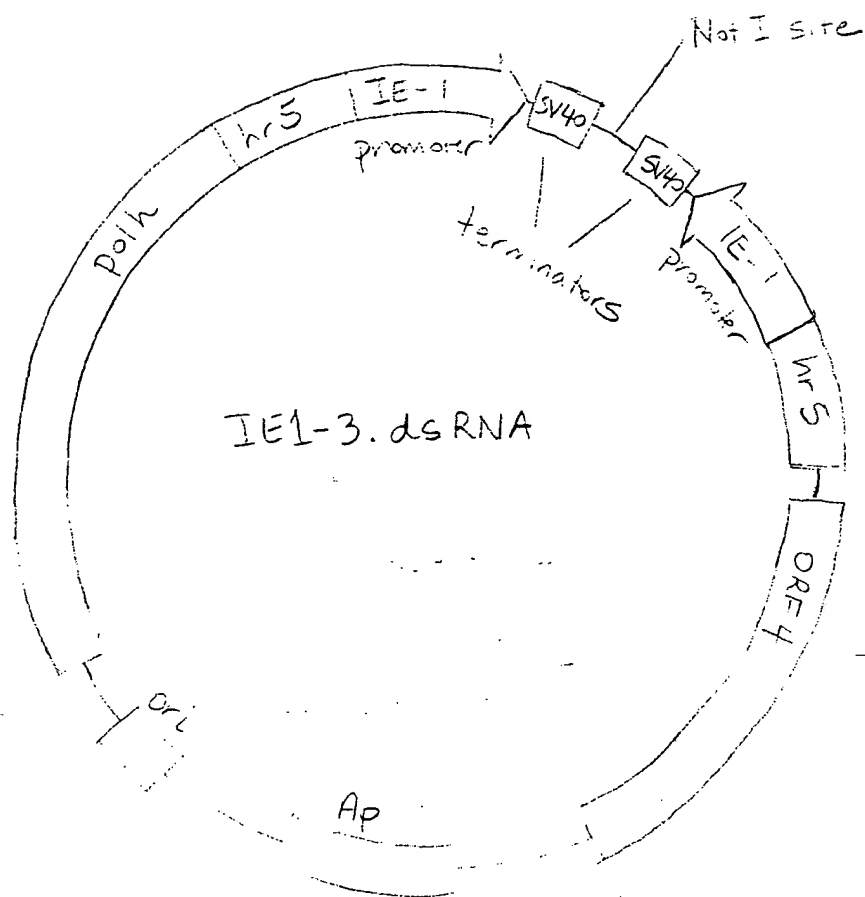


Figure 2

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Figure 3

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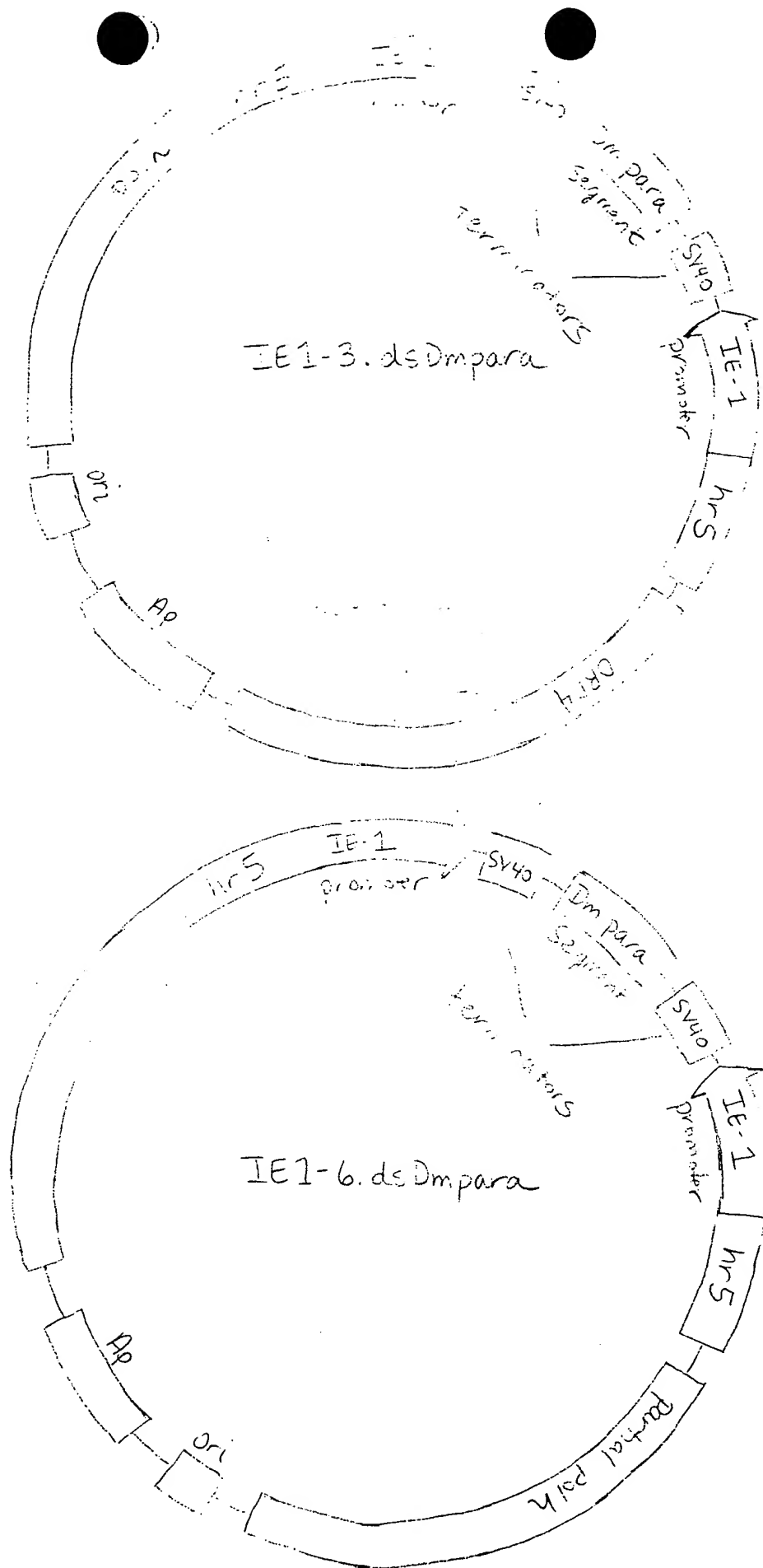


Figure 4

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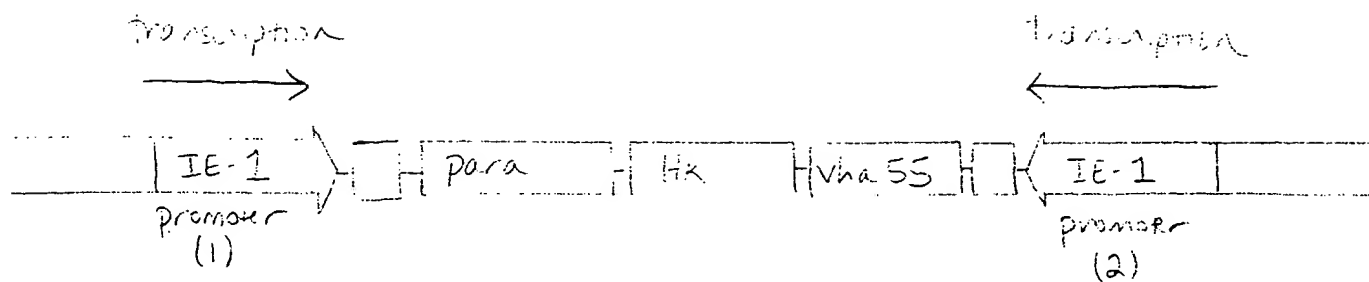


Figure 5A

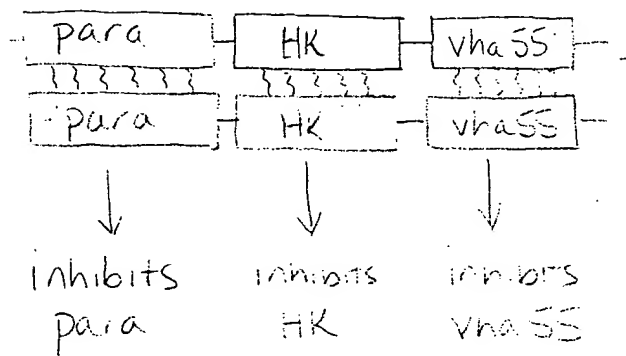


Figure 5B

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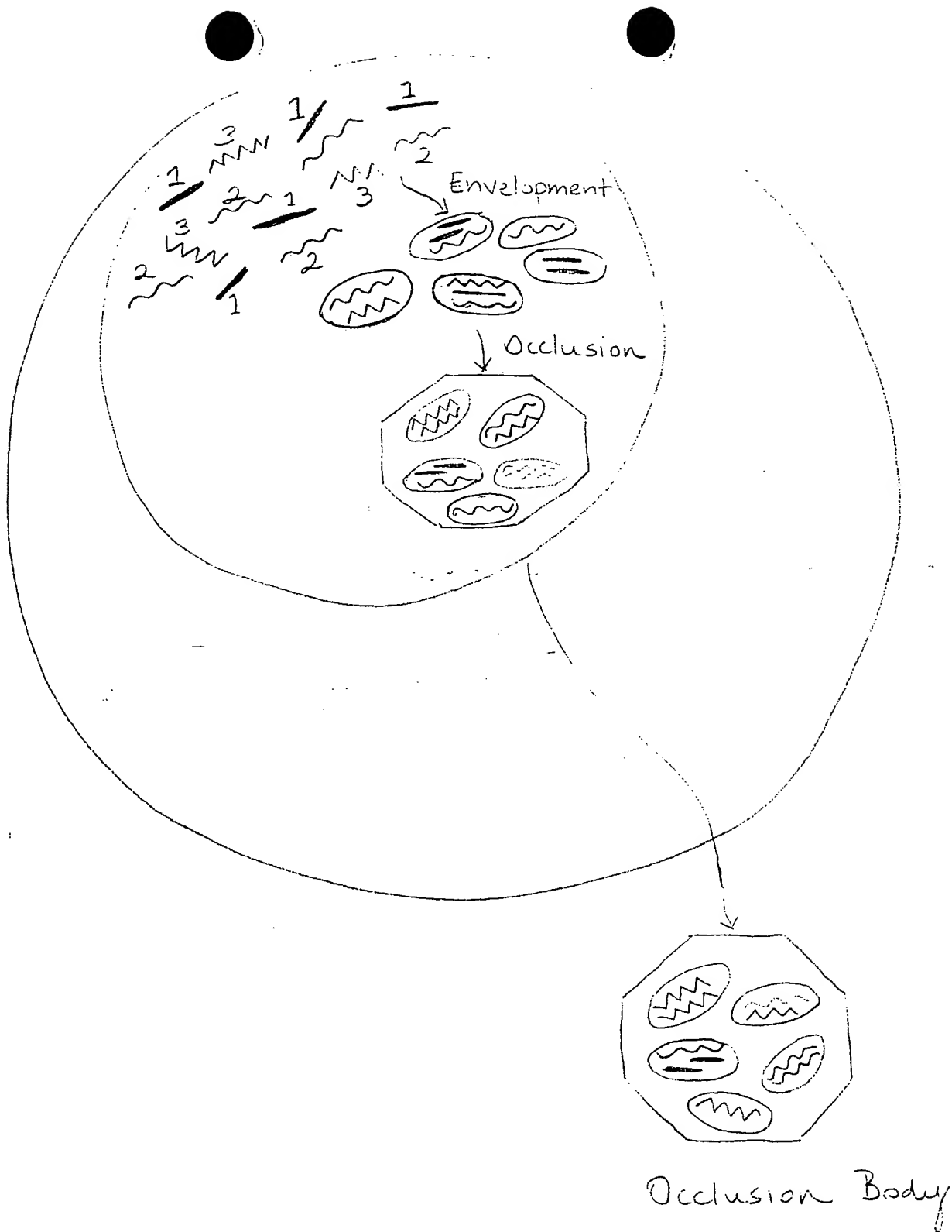


Figure 6

Figure 7

SV40 Transcriptional Terminator Sequence

SEQ ID NO:1

TGATCATAATCAGCCATACCACATTTGTAGAGGTTTACTTGCTTTAAAAAAC
CTCCCACACCTCCCCCTGAACCTGAAACATAAAATGAATGCAATTGTTGTTGT
TAACTTGTTTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAA
ATTTACAAATAAAGCATTTTTTTCACTGCATTCTAGTTGTGGTTTGTCCAAAC
TCATCAATGTATCTTAA

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Figure 8

Primers Used in Construction of Modified Baculovirus Transfer Vectors

SEQ ID NO:2 SV40Xba#2 AAAATCTAGATCATAATCAGCCATACC
SEQ ID NO:3 SV40SacII CCGCGGTTAAGATACATTGATGAGTTTGG
SEQ ID NO:4 SV40Bam#2 AAAAGGATCCATTGATGAGTTTGGACAAACC
SEQ ID NO:5 IE1-3.5' ACTAGTTATCTCCATGATGGGCGCG
SEQ ID NO:6 IE1-6.5' AGATCTATATAGTTGCTGATGGGCGCG

Primers Used to Amplify Portions of Target Genes from *Drosophila melanogaster*

Dm.para primers

SEQ ID NO:8 Dm.para5' 5'- TGAGGAAGAACGCAGTTTGTTC -3'
SEQ ID NO:9 Dm.para3' 5'- CGGGCATAAAATGAAACCTCG -3'

Dm.white primers

SEQ ID NO:10 White5' 5'- CGCTGTGACACATACTTTCTG -3'
SEQ ID NO:11 White3' 5'- GTCTTAGAGCCAGATATGCG -3'

Dm.vha55 (subunit B) primers for 3'UTR

SEQ ID NO:12 DmvB5' 5'- TCTCCACCTCCTGCAATATCCG -3'
SEQ ID NO:13 DmvB3' 5'- CCCATTCACTCTTG TGACCAGAG -3'

Dm.vha26 (subunit E) primers for 3'UTR

SEQ ID NO:14 DmvE5' 5'- ACCAGAAAGAGAACCAGCATCAAC -3'
SEQ ID NO:15 DmvE3' 5'- ACCTGCCAGCGGTCTGTAAAAG -3'

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Primers Used to Amplify Portions of Target Genes from *Manduca sexta*

Manduca para primers

SEQ ID NO:16 para5' 5'- TGCATGGAATTGGCTTGACTTC -3'

SEQ ID NO:17 para3' 5'- AGCACCAGTTGATAGAGATTCTCCC -3'

Manduca hb PCR Primers

SEQ ID NO:18 Ms.hb.5' 5'- CTCGTTCTTATTCCCTCCTAAC -3'

SEQ ID NO:19 Ms.hb.3' 5'- ATGAACGGGTCGTTGTACC -3'

Manduca fasciclinII primers

SEQ ID NO:20 fas5' 5'- TACTGCACCAGAAATGGAAGAGC -3'

SEQ ID NO:21 fas3' 5'- ACGGGTTGGTTGTTTCATAGCC -3'

Manduca EcR primers

SEQ ID NO:22 Ms.EcR.5' 5'- CGTGCAACGTGCTCGTTTTTAC -3'

SEQ ID NO:23 Ms.EcR3' 5'- TTAGGAGTTGTAGGAGGCATCGG -3'

Manduca vha55 (subunit B) primers for 3'UTR

SEQ ID NO:24 MsvB5' 5'- GATCTGGTTTCGATTGTTTCCG -3'

SEQ ID NO:25 MsvB3' 5'- CGAGGACCAACTCAATTGGAATG -3'

Manduca vha26 (subunit E) primers for 3'UTR

SEQ ID NO:26 MsvE5' 5'- GGTGACCCACATTCACTCGTTATAC -3'

SEQ ID NO:27 MsvE3' 5'- AACCTACAGACCTCAATGCCTCC -3'

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Figure 9

Portion of Multiple Cloning Site from Plasmid PCR2.1 Incorporated into Modified Baculovirus Transfer Plasmids

SEQ ID NO:7

AGCCGAATTCTGCAGATATCCATCACACTGGCGGCCGCTCGAGCATGCATCT
AGA

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